

Abstract

A device is disclosed for joining a first layer of material to a second layer of material, the device comprising a handle, a first jaw and a second jaw mounted on the handle, at least one of the first jaw and the second jaw being moveable relative to the other; the first jaw defining therein: a first channel for retaining a wire guide; a second channel extending from the first channel for supporting a suture wire extending from the wire guide; and a passageway for retaining a cutting bar; the second channel being curved to impart a looping configuration to portions of the suture wire passed therethrough; a wire advancing actuator mounted on the handle for moving the suture wire through the second channel and through the first and second layers of material in the looping configuration; and a wire cutting actuator mounted on the handle for moving the cutting bar into cutting engagement with the suture wire, wherein the suture wire in the looping configuration joins the first layer of material to the second layer of material.